

C 94-15

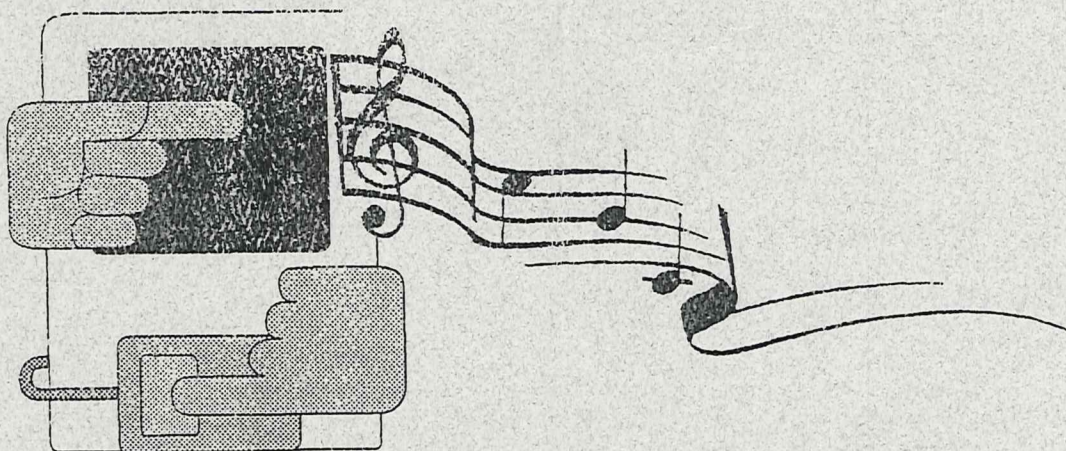
Faculty of Music University of Toronto

THURSDAY NOON SERIES

Thursday, February 24, 1994

A Lecture with Dennis Patrick:

Composition with Computers



Walter Hall - Edward Johnson Building
12:10 pm Admission Free

EXAMPLE #1

PROJECT 1 X

USER: PATRICK#7

VERSION 51321
 REPETITION RANGE 1
 NUMBER OF CHORDS 48

STRUCTURE 1

COMBINATION

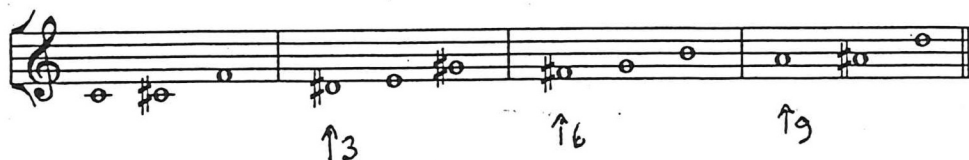
PARAMETER PROGRAM

INSTRUMENT 1
 RHYTHM 4
 PITCH 7
 REGISTER 1
 DYNAMICS 1

| INSTR | RHYTHM | HARMONY | SEQUENCE | REGISTER | DYNAMICS |
|-------|-----------------|-----------------|-------------|-------------|----------|
| 1 | X11 100.0 V 1/7 | X E | | 5 | X MF |
| 2 | 3 | D# C E | 2 1 3 | 3 4 7 | PP |
| 3 | 2 | D# | | 7 | F |
| 4 | 1 | C | | 8 | FF |
| 5 | 6 | E D# | 1 2 | 3 2 | P |
| 6 | 13 | C E D# C | 1 4 2 3 | 7 2 4 3 | MP |
| 7 | 9 | E D# | 1 2 | 3 5 | FFF |
| 8 | 3 | C E D# | 1 3 2 | 8 4 7 | P |
| 9 | 5 | C E D# C | 3 4 2 1 | 4 6 3 2 | X FF |
| 10 | X 7 | E | | 8 | MP |
| 11 | 10 | D# | | 6 | PP |
| 12 | 1 | C | | 3 | P |
| 13 | 14 | E D# C E | 3 1 4 2 | 2 7 5 4 | FFF |
| 14 | 7 | D# C | 1 2 | 5 3 | MF |
| 15 | 5 | E D# C | 2 3 1 | 7 4 7 | F |
| 16 | 12 | E D# | 1 2 | 5 3 | P |
| 17 | 8 | C | | 2 | X FFF |
| 18 | 15 | 1/7 V X D# | | 3 | PP |
| 19 | X11 | D# | | 6 | MF |
| 20 | 13 | D# E G | 2 1 3 | 7 4 4 | MP |
| 21 | 3 | D# D A# | 1 2 3 | 5 2 6 | P |
| 22 | 5 | D# D B | 3 2 1 | 2 5 3 | FF |
| 23 | 4 | D# D A# F# F C# | 6 4 1 5 3 2 | 6 4 7 2 3 2 | F |
| 24 | 7 | D# E G# C | 3 1 4 2 | 7 6 5 7 | P |
| 25 | 8 | D# E | 2 1 | 8 6 | X MP |
| 26 | 10 | D# D B F# G | 5 1 2 4 3 | 5 5 6 2 7 | F |
| 27 | 15 | D# | | 4 | P |
| 28 | X12 | D# D | 2 1 | 6 3 | PP |
| 29 | 7 | D# D | 2 1 | 7 7 | FF |
| 30 | 6 | D# E G | 3 2 1 | 8 6 2 | P |
| 31 | 15 | D# | | 4 | FFF |

| | | | | | | |
|----|-----|--------------|-----------------|-------------|-------------|------|
| 32 | 0 | 10.0 K 1/5 | D# D | 2 1 | 5 6 | MF |
| 33 | 1 | 1/4 | D# E | 2 1 | 2 3 | X MP |
| 34 | 1 | 1/6 | X A | | 6 | MF |
| 35 | 5 | V 1/4 | A# C# B C D# F# | 5 4 2 1 3 6 | 5 4 3 7 6 8 | PP |
| 36 | 3 | 1/4 | F | | 4 | FF |
| 37 | X 1 | 1/4 | D G# G E | 3 4 2 1 | 5 3 7 4 | FFF |
| 38 | 5 | 1/4 | A A# C# B C | 2 5 3 4 1 | 3 5 7 6 3 | P |
| 39 | 2 | 1/4 | D# F# F D G# | 4 3 2 1 5 | 2 8 4 7 3 | P |
| 40 | 12 | V 1/7 | G | | 2 | F |
| 41 | 15 | 1/4 | E A A# C# | 4 2 3 1 | 4 3 8 2 | X P |
| 42 | 10 | 1/7 | B C | 2 1 | 2 7 | MF |
| 43 | 14 | 1/7 V | D# | | 3 | FF |
| 44 | 1 | 1/6 | F# F | 1 2 | 6 7 | P |
| 45 | 8 | 1/4 | D G# G E | 3 4 2 1 | 6 5 2 7 | MP |
| 46 | X12 | 1/6 | A A# C# B | 4 3 1 2 | 6 8 4 6 | FFF |
| 47 | 5 | 60.0 K 1/7 N | C | | 4 | PP |
| 48 | 1 | 1/7 V | D# | | 2 | F |

EXAMPLE #2



EXAMPLE #3

BRANCHING SELECTION TABLE

| | Sections: | | | | | | |
|---------------|-----------|---|---|---|---|---|---|
| Parameters | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| INSTRUMENT | 6 | 5 | 7 | 2 | 3 | 4 | 1 |
| * ENTRY DELAY | 3 | 7 | 4 | 6 | 5 | 2 | 1 |
| PITCH | 6 | 1 | 7 | 4 | 3 | 2 | 5 |
| REGISTER | 1 | 6 | 2 | 3 | 7 | 5 | 4 |
| DYNAMICS | 5 | 3 | 1 | 2 | 7 | 4 | 6 |

* In PR1 the starting time of a note and its duration are independent. Entry delay is the distance between two successive starting points. ENTRY DELAYS make up the RHYTHM parameter.